

SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: Luthe, William Examiner #: 72316 Date: 6/30/03
Art Unit: 2664 Phone Number 30 8-6609 Serial Number: _____
Mail Box and Bldg/Room Location: pk 2 3D14 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*


US 5,276,679

STAFF USE ONLY


	Type of Search	Vendors and cost where applicable
Searcher: <u>KES</u>	NA Sequence (#) _____	STN _____
Searcher Phone #: _____	AA Sequence (#) _____	<u>Dialog</u>
Searcher Location: _____	Structure (#) _____	<u>Questel/Orbit</u>
Date Searcher Picked Up: <u>6/30/03</u>	Bibliographic _____	Dr.Link _____
Date Completed: <u>6/30/03</u>	Litigation <u>X</u>	<u>Lexis/Nexis</u>
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: <u>26</u>	Other _____	Other (specify) _____

Query/Command : prt max legalall

1 / 1 PLUSPAT - ©QUESTEL-ORBIT - image

PN -  US5276679/A 19940104 [US5276679]
TI - (A) Method for maintaining channels and a subscriber station for use in an ISDN system
PA - (A) US WEST ADVANCED TECH INC (US)
PA0 - U.S. West Advanced Technologies, Inc., Boulder CO [US]
IN - (A) MCKAY THOMAS D (US); SHELBY JAMES C (US); SIEBRING MARTIN D (US)
AP - US83460592 19920212 [1992US-0834605]
PR - US83460592 19920212 [1992US-0834605]
IC - (A) H04J-003/22
EC - H04J-003/16A4S
 H04M-001/253
 H04Q-011/04S1T
ICO - T04Q-213/050
 T04Q-213/093
 T04Q-213/201
 T04Q-213/208
 T04Q-213/332
 T04Q-213/392
PCL - ORIGINAL (O) : 370358000; CROSS-REFERENCE (X) : 370503000 370542000
DT - Basic
CT - USH586000; US4387271; US4688168; US4703475; US4748656; US4763319; US4827409;
 US4829227; US4866703; US4870641; US4878216; US4914574; US4937734; US4970723;
 US4985891; US4996685
STG - (A) United States patent
AB - A method and at least one subscriber station utilizes a software package in combination with at
 least one terminal adapter which links ISDN circuit-switched channels, such as "B", "H0",
 "H10", "H11" and the like, into a single logical connection and synchronizes the linked channels
 in an ISDN system. The station allows a subscriber to dynamically select various bandwidths
 (i.e. different channels) for data transfer, such as text or graphics. The software package and,
 preferably, multiple terminal adapters, reside on a personal computer and also permits
 simultaneous messaging and voice functions between several such subscriber stations. Any
 number of logical channels can be managed. ISDN data is segmented based on the channel's
 respective data rates and thereafter simultaneously sent on the channels of the logical connection.
 ISDN data is consequently transferred at a rate greater than the rate available on any single ISDN
 channel.

1 / 1 LGST - ©LEGSTAT

PN -  US 5276679 [US5276679]
AP - US 834605/92 19920212 [1992US-0834605]
DT - US-P
ACT - 19920212 US/AE-A
 APPLICATION DATA (PATENT)
 US 834605/92 19920212 [1992US-0834605]

19920212 US/AS02
 ASSIGNMENT OF ASSIGNOR'S INTEREST


U S WEST ADVANCED TECHNOLOGIES, INC. A CORP. OF COLORADO 4001
DISCOVERY DRIVE BO * MCKAY, THOMAS D. : 19920206; SHELBY, JAMES C. :
19920207; SIEBRING, MARTIN D. : 19920205

19940104 US/A
PATENT

19970708 US/RF
REISSUE APPLICATION FILED
960104

UP - 1999-13

1 / 1 CRXX - ©CLAIMS/RRX

PN -  5,276,679 A 19940104 [US5276679]

PA - U S West Advanced Technologies Inc

ACT - 19960104 REISSUE REQUESTED

Issue Date of O.G.: 19970708

Reissue Request Number: 08/582680

Examination Group responsible for Reissue process: 2603

19980529 REASSIGNED
ASSIGNMENT OF ASSIGNOR'S INTEREST

Assignor: U S WEST ADVANCED TECHNOLOGIES, INC. DATE SIGNED: 05/27/1998

Assignee: U S WEST, INC. SUITE 480, 7800 E. ORCHARD ROAD LAW DEPARTMENT,
INTELLECTUAL PROPERTY GROUP ENGLEWOOD, COLORADO 80111

Reel 009197/Frame 0311

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ORCHARD ROAD ENGLEWOOD, CO 80111

19980707 REASSIGNED
ASSIGNMENT OF ASSIGNOR'S INTEREST

Assignor: MEDIAONE GROUP, INC. DATE SIGNED: 06/12/1998

Assignee: U S WEST, INC. 1801 CALIFORNIA STREET DENVER, COLORADO 80202
MEDIAONE GROUP, INC. 188 INVERNESS DRIVE WEST ENGLEWOOD, COLORADO
80112

Reel 009297/Frame 0308

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PROPERTY GROUP 7800 EAST ORCHARD ROAD, SUITE 480 ENGLEWOOD, CO 80111

19980707 REASSIGNED
CHANGE OF NAME

Assignor: U S WEST, INC. DATE SIGNED: 06/12/1998

Assignee: MEDIAONE GROUP, INC. 188 INVERNESS DRIVE WEST ENGLEWOOD,
COLORADO 80112

Reel 009297/Frame 0442

Contact: U S WEST, INC, STEPHEN F. JEWETT 7800 EAST ORCHARD ROAD, SUITE 480
ENGLEWOOD, CO 80111

20000724 REASSIGNED
MERGER

Assignor: U S WEST, INC. DATE SIGNED: 06/30/2000

Assignee: QWEST COMMUNICATIONS INTERNATIONAL INC. 1801 CALIFORNIA
STREET DENVER, COLORADO 80202

Reel 010814/Frame 0339

Contact: QWEST COMMUNICATIONS INTERNATIONAL INC. PETER J. KINSELLA LAW
DEPARTMENT, INTEL PROPERTY GROUP 1801 CALIFORNIA STREET, SUITE 5100
DENVER, COLORADO 80202

UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT

5276679

LEXIS-NEXIS

Library: PATENT

File: ALL

<=1> GET 1st DRAWING SHEET OF 20

January 4, 1994

Method for maintaining channels and a subscriber station for
use in an ISDN system

REISSUE: Reissue Application filed Jan. 4, 1996 (O.G. Jul. 8, 1997) Ex. Gp.:
2603; Re. S.N. 08/582,680, (O.G. July 8, 1997)

APPL-NO: 834605 (07)

FILED-DATE: February 12, 1992

GRANTED-DATE: January 4, 1994

5,276,679 OR 5276679

LEXIS-NEXIS
Library: PATENT
File: CASES

Your search request has found no CASES.

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To enter a new search request, type it and press the ENTER key.

What you enter will be Search Level 1.

For further explanation, press the H key (for HELP) and then the ENTER key.

5,276,679 OR 5276679

LEXIS-NEXIS
Library: PATENT
File: JNLS

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5,276,679 OR 5276679

LEXIS-NEXIS
Library: NEWS
File: CURNWS

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For further explanation, press the H key (for HELP) and then the ENTER key.

File 345:Inpadoc/Fam.& Legal Stat 1968-2003/UD=200325
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	Set	Items	Description
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? s pn=us	5276679		
	S1	1	PN=US 5276679
? t	1/39/1		

1/39/1
DIALOG(R)File 345:Inpadoc/Fam.& Legal Stat
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11555308
Basic Patent (No,Kind,Date): US 5276679 A 19940104 <No. of Patents: 001>
Patent Family:
Patent No Kind Date Applic No Kind Date
US 5276679 A 19940104 US 834605 A 19920212 (BASIC)
Priority Data (No,Kind,Date):
US 834605 A 19920212

PATENT FAMILY:
UNITED STATES OF AMERICA (US)
Patent (No,Kind,Date): US 5276679 A 19940104
METHOD FOR MAINTAINING CHANNELS AND A SUBSCRIBER STATION FOR USE IN AN
ISDN SYSTEM (English)
Patent Assignee: US WEST ADVANCED TECH INC (US)
Author (Inventor): MCKAY THOMAS D (US); SHELBY JAMES C (US);
SIEBRING MARTIN D (US)
Priority (No,Kind,Date): US 834605 A 19920212
Applic (No,Kind,Date): US 834605 A 19920212
National Class: * 370084000; 370100100
IPC: * H04J-003/22
Derwent WPI Acc No: ; G 94-016341
Language of Document: English

UNITED STATES OF AMERICA (US)
Legal Status (No,Type,Date,Code,Text):
US 5276679 P 19920212 US AE APPLICATION DATA (PATENT)
(APPL. DATA (PATENT))
US 834605 A 19920212
US 5276679 P 19920212 US AS02 ASSIGNMENT OF ASSIGNOR'S
INTEREST
U S WEST ADVANCED TECHNOLOGIES, INC. A CORP.
OF COLORADO 4001 DISCOVERY DRIVE BO ; MCKAY,
THOMAS D. : 19920206; SHELBY, JAMES C. :
19920207; SIEBRING, MARTIN D. : 19920205
US 5276679 P 19940104 US A PATENT
US 5276679 P 19970708 US RF REISSUE APPLICATION FILED
(REISSUE APPL. FILED)
960104